IN THE CLAIMS:

1. (Currently amended) A shuttle vector for transforming insect cells and prokaryotic cells, comprising:

a) a prokaryotic origin of replication;

b) a promoter region comprising an insect promoter and a prokaryotic promoter sequence; and

c) a selectable marker coding sequence operably linked to the promoter region, ~~so~~ such that the selectable marker is under the transcriptional control of the insect promoter in insect cells and the prokaryotic promoter sequence in prokaryotic cells, wherein the selectable marker is thereby ~~capable of expression~~ expressed in both prokaryotic and insect cells to confer ~~a selectable phenotype~~ resistance to a bleomycin/phleomycin-type antibiotic on cells transformed with the shuttle vector.

2. (Canceled)

3. (Currently amended) The shuttle vector of claim ~~2~~ 1, wherein the bleomycin/phleomycin-type antibiotic is Zeocin.

4. (Original) The shuttle vector of claim 1, further comprising an insertion site for heterologous DNA.

5. (Original) The shuttle of claim 4, wherein the insertion site for heterologous DNA is under the transcriptional control of a second insect promoter.

6. (Original) The shuttle vector of claim 5, further comprising a heterologous DNA sequence inserted at the insertion site and under the transcriptional control of the second insect promoter.

7. (Previously presented) The shuttle vector of claim 1, wherein the insect promoter is an immediate early baculovirus promoter.

8. (Previously presented) The shuttle vector of claim 7, wherein the insect promoter comprises an IE2B element which comprises the sequence ACAGGACGC (SEQ ID NO: 10).

9. (Previously presented) The shuttle vector of claim 8, wherein the insect promoter comprises the sequence as shown in SEQ ID NO: 1 from bp 351 to bp 527.

10. (Previously presented) The shuttle vector of claim 9, wherein the insect promoter comprises the sequence as shown in SEQ ID NO: 1.

11. (Previously presented) The shuttle vector of claim 1 further comprising DNA transposable elements.

12. (Currently amended) The shuttle vector of claim 11, wherein the selectable marker coding sequence is between the transposable elements.

13. (Previously presented) The shuttle vector of claim 12, further comprising an insertion site for heterologous DNA between the transposable elements.

14. (Original) The shuttle vector of claim 13, further comprising a heterologous DNA sequence inserted at the insertion site and under the transcriptional control of a second insect promoter.

15. (Previously presented) The shuttle vector of claim 11, further comprising an inducible transposase gene between the transposable elements.

16. (Original) Insect cells transformed with the shuttle vector of claim 1.

17. (Original) Insect cells transformed with the shuttle vector of claim 11.

18-22. (Canceled)

23. (Previously presented) Recombinant insect cells transformed with the shuttle vector of claim 1, expressing a heterologous insect ion transport peptide hormone.

24-26. (Canceled)

27. (Previously presented) The shuttle vector of claim 7, wherein the insect promoter comprises an IE2B element having at least 95% sequence identity to ACAGGACGC (SEQ ID NO: 10), and wherein the insect promoter is a functional promoter.

28. (Previously presented) The shuttle vector of claim 8, wherein the insect promoter comprises a sequence having at least 95% sequence identity to SEQ ID NO: 1 from bp 351 to bp 527, and wherein the insect promoter is a functional promoter.

29. (Previously presented) The shuttle vector of claim 9, wherein the insect promoter comprises a sequence having at least 95% sequence identity to SEQ ID NO: 1, and wherein the insect promoter is a functional promoter.

30. (Currently amended) The shuttle vector of claim 1, wherein said insect promoter comprises SEQ ID NO: 1, and the prokaryotic promoter sequence is a cryptic promoter within said insect promoter, and wherein said cryptic promoter directs expression of said selectable marker in said prokaryotic cells.

31-33. (Canceled)